

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA
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Released: June 11, 2007
Issue No: CW-23-07
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Homepage: <http://www.nass.usda.gov/mn/>

USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

DRY BEAN AND SWEET CORN PLANTINGS NEAR COMPLETION

Dry bean and sweet corn plantings neared completion, and crop development continued ahead of the five-year average, according to USDA, NASS, Minnesota Field Office. Areas in the northwest and west central parts of the state received an additional inch or more of rain which added to pockets of already surplus soil moisture. Producers were cutting alfalfa and spraying herbicides where weather and field conditions permitted.

The average temperature for the week was 62.8°, 0.7° below normal. Statewide topsoil moisture supplies as of Friday were rated 1 percent very short, 11 short, 75 adequate, and 13 surplus.

As of Sunday June 10th, the average corn height was estimated at 14 inches, 7 inches ahead of the five-year average. Soybeans were 95 percent emerged, with an average height of 5 inches.

Spring wheat acreage was 38 percent jointed, compared to 27 percent average. Sweet corn was 84 percent planted, and dry beans were 95 percent planted, both slightly ahead of average.

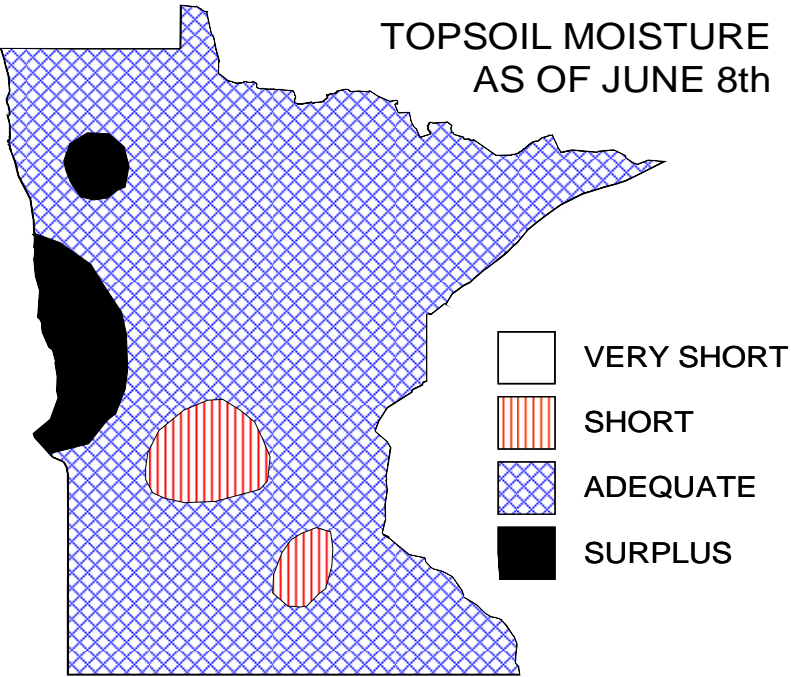
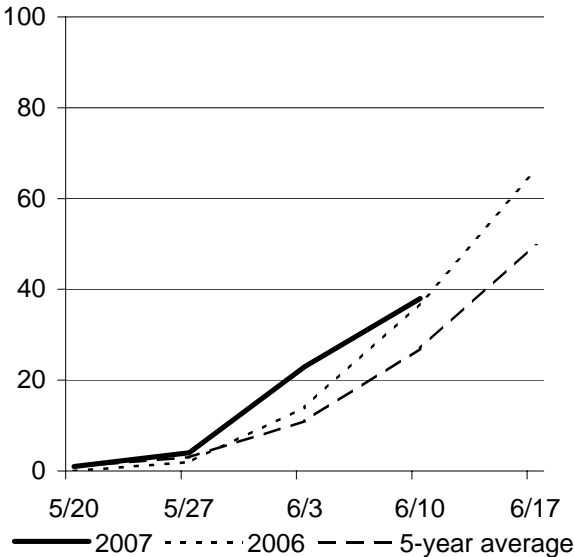
Eighty-three percent of field corn and 78 percent of soybeans were rated in Good or Excellent condition. Pasture condition was rated at 69 percent Good or Excellent.

Days Suitable for Fieldwork: 4.2				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	1	11	75	13

Crop Progress as of June 10, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		Percent			
Corn	Emerged	100	98	98	97
	Height	14	8	10	7
Soybeans	Emerged	95	87	89	80
	Height	5	2	3	2
Spring Wheat	Jointed	38	23	37	27
	Headed	3	0	3	1
Oats	Jointed	60	40	54	41
	Headed	6	0	7	3
Barley	Jointed	49	24	33	31
	Headed	6	0	4	2
Alfalfa	1st Cutting	53	36	76	41
Sweet Corn	Planted	84	78	83	76
Dry Beans	Planted	95	90	96	90

Crop Condition as of June 8, 2007 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	1	5	25	55	14
Alfalfa	1	7	25	52	15
Corn	1	4	12	57	26
Soybeans	1	3	18	61	17
Sugarbeets	2	7	28	48	15
Spring Wheat	4	6	13	59	18
Oats	1	3	13	63	20
Barley	1	3	14	68	14
Potatoes	0	1	20	42	37
Green Peas	0	3	9	70	18
Canola	0	0	20	50	30
Sunflowers	2	4	16	64	14

SPRING WHEAT JOINTED
MAY 20 - JUNE 17



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 10,2007:
Temperatures averaged from 2.0 degrees below normal in the South Central and Northwest Districts to 0.6 degree above normal in the Northeast District. Extremes: 30 degrees in Hibbing; 90 degrees in Montevideo, Forest Lake, Minneapolis, Redwood Falls. Precipitation averaged from 0.88 inch below normal in the East Central District to 0.83 inch above normal in the Northwest District. Greatest weekly total was 2.44 inches recorded in International Falls.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 6/4/2007 through 6/10/2007

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 3	Depart from Norm
<u>NW DIST 1</u>										
Crookston	80	39	60.8	-2.7	1.28	.48	.47	2.13	448	17
Moorhead	89	41	63.7	-.5	1.31	.49	.91	3.81	513	61
Warroad	74	39	58.3	-2.7	2.36	1.52	2.06	1.97	384	33
<u>NC DIST 2</u>										
Grand Rapids	88	42	61.7	.7	.73	-.28	-.01	.56	469	102
Intl. Falls	82	39	58.4	-1.5	2.44	1.54	2.54	2.56	405	59
Itasca	81	39	60.4	.5	.55	-.42	1.94	2.67	440	107
<u>NE DIST 3</u>										
Duluth	88	41	60.5	2.6	.03	-.92	.21	-.46	365	73
Grand Marais	73	38	51.6	.2	1.57	.80	1.10	.72	147	-22
Hibbing	84	30	58.2	-1.0	.59	-.33	-.30	-1.36	415	90
<u>WC DIST 4</u>										
Alexandria	87	47	64.1	1.0	.04	-.99	-.03	-.08	505	83
Browns Valley	82	46	63.6	-1.5	.02	-.70	3.10	6.62	474	-2
Canby	87	48	64.9	-1.6	.12	-.82	-.46	1.96	573	73
Fergus Falls	88	43	62.4	-1.2	.15	-.71	4.14	7.30	486	54
Montevideo	90	47	66.4	.7	.65	-.33	-.48	-.89	574	97
Morris	80	47	63.6	-1.5	.06	-.83	1.58	3.34	514	43
<u>CENT DIST 5</u>										
Becker	85	45	64.2	1.0	.20	-.83	-.32	-1.71	547	122
Collegeville	89	47	65.5	-.1	.70	-.40	-1.52	-1.54	598	102
Hutchinson	86	47	65.6	-.4	.70	-.33	-1.05	-1.22	588	94
Olivia	85	46	64.6	-1.3	.16	-.87	-1.58	-.75	547	62
St. Cloud	88	43	63.6	.4	.02	-1.03	1.00	-.13	551	126
Staples	81	44	60.8	-.5	.29	-.68	2.90	4.15	440	55
Willmar	82	47	64.7	-.7	.72	-.47	-1.89	.80	536	60
<u>EC DIST 6</u>										
Aitkin	86	40	61.9	1.5	.25	-.70	-.45	-.12	461	108
Forest Lake	90	47	64.1	-.6	.16	-.88	.06	-1.12	546	82
MSP Airport	90	47	66.6	.2	.15	-.84	-1.32	-3.32	611	105
St. Paul - UofM	89	49	68.0	.8	.05	-1.10	-2.15	-3.21	655	125
<u>SW DIST 7</u>										
Lamberton	86	49	65.5	-1.3	1.10	.21	-.88	.31	564	56
Pipestone	86	41	63.4	-1.7	.15	-.77	-1.19	-.90	525	58
Redwood Falls	90	45	66.7	-1.0	1.46	.53	.04	.25	582	41
Worthington	86	47	64.6	-.4	.55	-.52	-.72	-.33	545	89
<u>SC DIST 8</u>										
Faribault	89	47	64.0	-1.3	.31	-.66	-.12	-2.51	548	87
Mankato	87	47	64.2	-2.0	.29	-.99	-1.99	-3.90	573	80
Waseca	88	49	64.4	-1.6	1.14	.17	.37	-1.64	561	72
Winnebago	84	45	63.3	-3.3	.24	-.83	-1.25	-3.03	529	25
<u>SE DIST 9</u>										
Preston	86	42	63.1	-1.3	1.08	.04	1.04	-.36	525	91
Red Wing	89	51	65.1	-.5	1.07	.16	1.39	-1.39	573	91
Rochester	84	49	64.4	.2	.56	-.33	.73	-2.42	564	127
Rosemount	88	48	64.5	-.5	.46	-.60	-.53	-1.97	550	92
Winona	86	49	63.6	-4.3	1.29	.40	2.01	.37	537	-7

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

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